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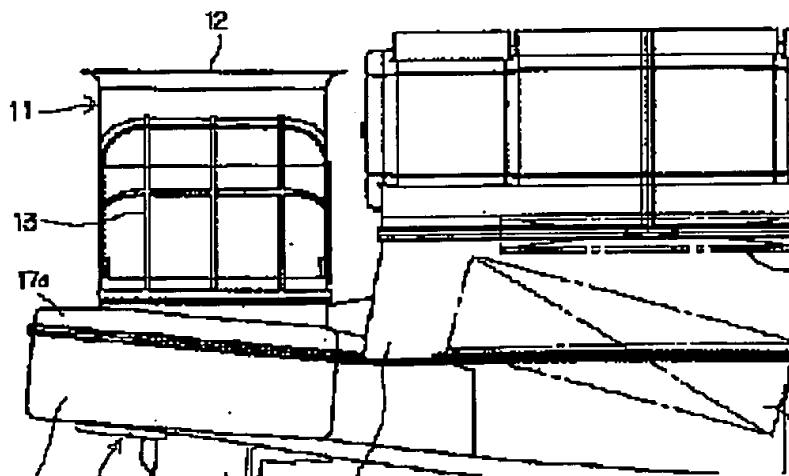
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## (54) AUTOMOTIVE AIR-CONDITIONER

(57) Abstract:

**PROBLEM TO BE SOLVED:** To dispense with an air duct and to enable a heating heat-exchanger horizontally placed to be mounted even in a small vehicle interior space by placing a blow mode switching part in the air downstream of the heat exchanger, for switching the blowing direction of air heated.

**SOLUTION:** Air sucked in from an inside/outside air switching box 11 through a bell-mouse-shaped inlet at the top of a scroll casing 17 by rotation of a fan is fed roughly horizontally toward the outlet of the scroll casing 17. A heat-exchanger for air conditioning has a built-in air-conditioning unit placed at the center of an instrument panel in the interior



of the vehicle. The evaporator 21 of a refrigerating cycle in the air-conditioning unit is installed roughly horizontally, and air from a blower unit is allowed to flow in from the downstream of the evaporator. A blowing mode switching part 23 is installed on the air downstream side of a heater core 22 installed roughly horizontally to the air downstream side of the evaporator 21.

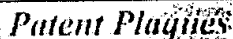


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## JP9123748A: AUTOMOTIVE AIR-CONDITIONER

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Foreign References:

**none**

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